

V.E.S. COLLEGE OF ARTS, SCIENCE & COMMERCE, CHEMBUR

SEMESTER END EXAMINATION - SEMESTER - 1 (REGULAR / ~~RE-EXAM~~)

For Academic Year 2016-17 TO 2019-20

PROGRAM: F.Y.B.COM.

COURSE CODE: VBCOMFS1-5

PAPER - 1

COURSE NAME: ENVIRONMENTAL STUDIES.

DATE: 19-10-2019 Time: 9:30am to 12:30pm DURATION: 03 HRS. MAX. MARKS: 100

Instructions: 1. Question 1 is compulsory attempt ANY 2 questions each from Q2 to Q5.

2. Draw neat labeled diagrams where necessary.

3. Attach the Map supplement along with answer book.

Q.1 A) Study given thematic map and answer the questions given below:

- What is the theme of the map and name the cartographic technique used? [2]
- Name the country with largest area under arable land? Identify the reasons for it. [2]
- Calculate the total arable land in Asia. [2]
- What is the percentage of arable land in Australia? Account for it. [2]
- Calculate the total arable area in North America. [2]

B) In the given outline Map of the world mark and name the following: [10]

- An island country in Africa.
- Largest River in world.
- Western Ghats.
- Country affected by earthquakes.
- Country with lowest HDI.
- Largest producer of nuclear energy.
- Area of water scarcity.
- Area with high population density.
- Tropic of Cancer.
- Million city in Europe.

Q.2. a) Describe the structure and importance of Atmosphere. [10]

b) Write short notes on: i) Energy Flow ii) Food Pyramid. [10]

c) Describe the nature of Man-Environment relationship. [10]

Q.3. a) Define Forest and highlight the environmental role of Forest in environment system [10]

b) Discuss the advantages and disadvantages of Solar energy. [10]

c) Highlight the importance of Sustainable Development towards environmental conservation. [10]

Q. 4 a) Explain the trend and pattern of population growth in India. [10]

b) Discuss measures taken to control population explosion in India. [10]

c) Explain HDI and discuss the pattern of HDI in the world. [10]

Q.5.a) Discuss the land use changes associated with Urbanization in India. [10]

b) Explain problems of migration on urban areas. [10]

c) What is smart city? Describe its features. [10]

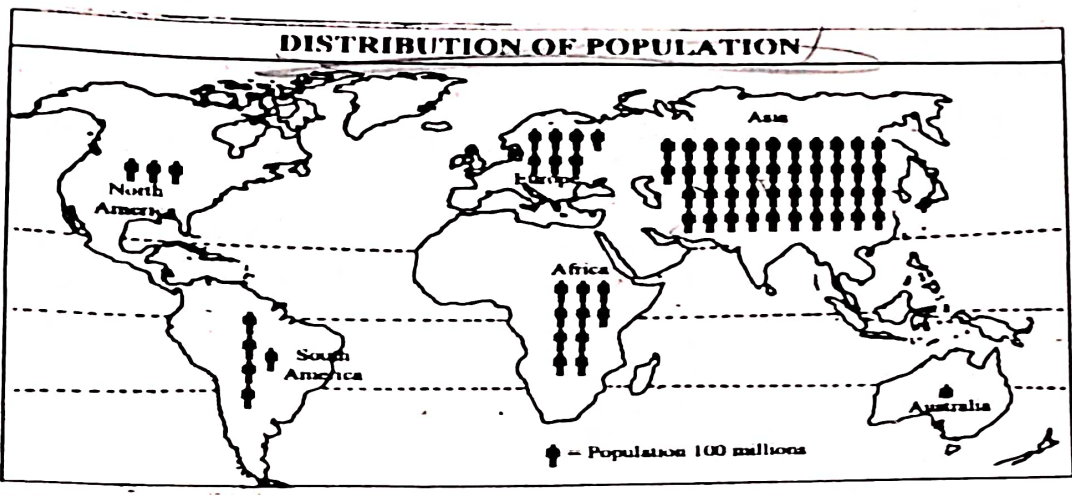
[Time: 3 Hours]

[ Marks:100]

- N.B:
1. All questions are compulsory and carry equal marks.
  2. Use of map stencils and simple calculator is allowed.
  3. Use of coloured pens, pencils is allowed.
  4. Attach the given map along with your answer book.

Q.1 a) Study the following thematic map of the world and answer the questions.

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- What is the theme of the map? 02
- Which cartographic technique is used to represent the theme? 02
- Name the two countries having highest population in Asia? 02
- Compare the population of Europe and Africa? 02
- What is the population of Australia and why? 02

Q.1 b) Mark and name the following at the most appropriate location in the outline map of the world supplied to you.

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- An area in India having physical water scarcity.
- A country with highest deforestation rate in South America.
- The busiest area of ocean transport.
- London
- Tropic of Capricorn.
- Longest river flowing in Sahara desert.
- Area of Ring of Fire.
- Any land locked country in Africa.
- The Great Australian Desert.
- The sea separating Europe and Africa.

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E : A

Q.2 Attempt any two from the following:

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- Explain how the Biotic components of environment influence the human activities?
- Describe the dynamic role of man as both destructor and protector of environment?
- Bring out the characteristics and types of Eco-systems.

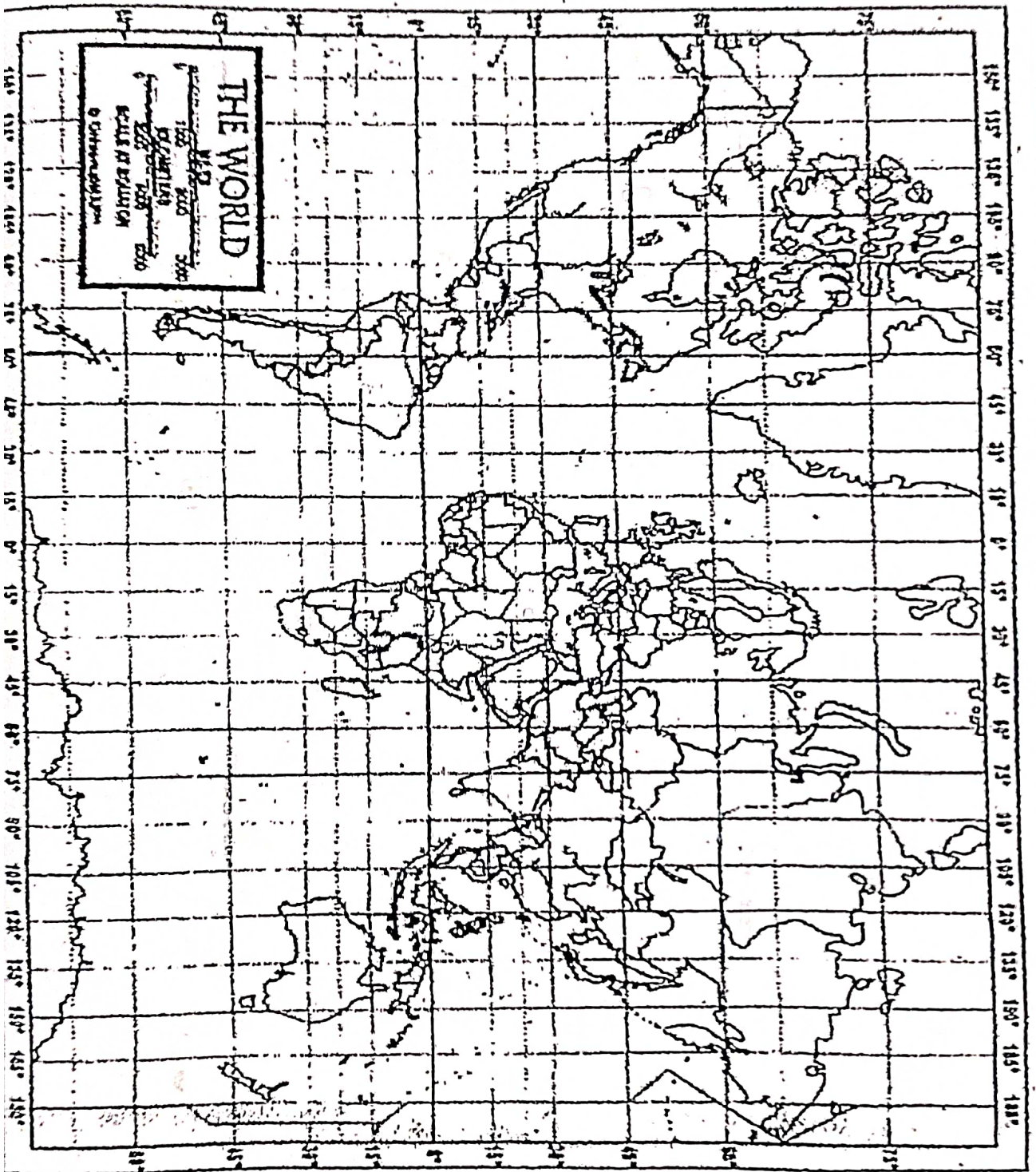
- Q.3 Attempt any two from the following:
- A) Describe the main causes of Deforestation in the world.
  - B) Classify the energy resources according to their nature.
  - C) Describe in details the methods of conservation of water Resources..

- Q.4 Attempt any two from the following:
- A) Explain the National Population Policy of India in Detail.
  - B) Describe the Demographic Transition Theory with Diagram.
  - C) Which are the causes of population explosion in India.

- Q.5 Attempt any two from the following:
- A) Define "Smart City?" Explain the features of a smart city?
  - B) Mumbai is known as the 'Magnet of Migrants'. Describe the statement by giving push-pull factors of migration.
  - C) How does migration affect the urban environment?

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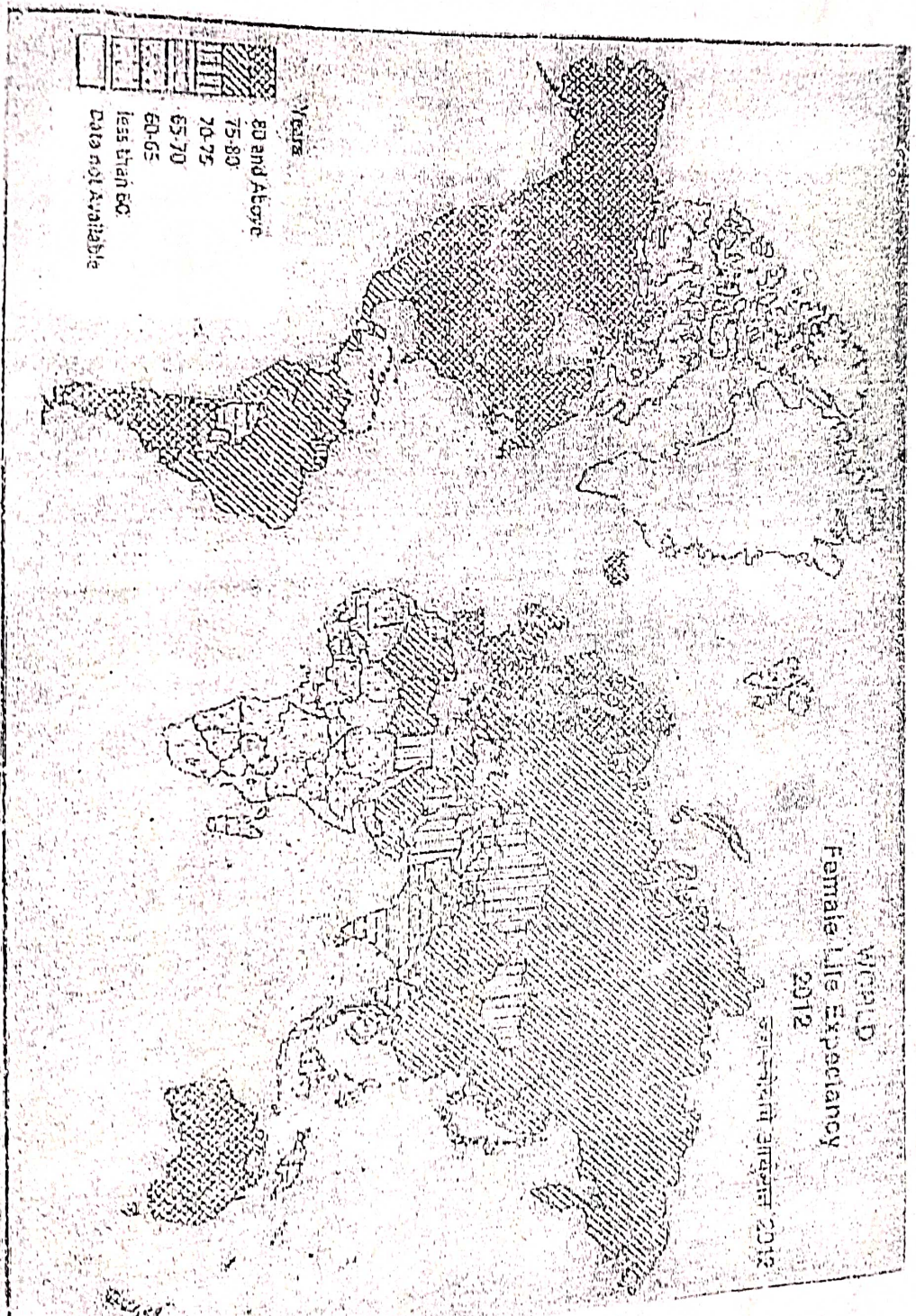
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Question No : 1 (a)

Appendix : 1  
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23/02/2016